## EAST Search History

| Ref<br># | Hits | Search Query   | DBs                           | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|--|-------------------------------|---------------------|---------|---------------------|
| S45      | 20   | (US-20030019788-\$ or US-20040055931-\$ or US-20040206667-\$ or US-20060231460-\$). did. or (US-3915843-\$ or US-6328880-\$ or US-6403526-\$ or US-6436278-\$ or US-6656343-\$ or US-7347928-\$ or US-7427348-\$ or US-3803028-\$ or US-6277270-\$ or US-6280606-\$ or US-6299758-\$ or US-6310108-\$ or US-6315891-\$ or US-6544407-\$ or US-6884339-\$ or US-7326331-\$). did. | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2008/12/15<br>15:27 |
| S46      | 1    | S45 and (hydrocracking or hydrogenation or hydrotreating or hydrotreatment) with linear paraffin   | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:28 |
| S49      | 29   | S48 and @ad<"20040628"   | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:29 |
| S48      | 45   | S47 and (fischer tropsch or FT)  | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:29 |
| S47      | 78   | (hydrocracking or hydrogenation or hydrotreating or hydrotreatment) with linear paraffin   | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:29 |
| S50      | 1    | S49 and lubricating base   | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:30 |
| S54      | 10   | (hydrocracking or hydrogenation or hydrotreating or hydrotreatment) with linear hydrocarbon  | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2008/12/15<br>15:31 |
| S53      | 1    | S52 and lubricating base   | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:31 |
| S52      | 27   | S51 and @ad<"20040628"   | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:31 |
| S51      | 40   | (hydrocracking or hydrogenation or hydrotreating or hydrotreatment) with linear hydrocarbon  | US-PGPUB;<br>USPAT; USOCR     | ADJ                 | ON      | 2008/12/15<br>15:31 |
| S55      | 1    | S54 and lubricating (oil or base)  | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2008/12/15<br>15:32 |
| S57      | 1848 | \$56 and @ad<"20040628"  | US-PGPUB;<br>USPAT; USOOR     | ADJ                 | ON      | 2008/12/15<br>15:33 |

| S56 | 6742  | ((208/106,50,53,54,59,67,68,72,73,80,130,230,92) or<br>(585/648,652,921)).CCLS.   | US-PGPUB;<br>USPAT; USOCR     | OR  | OFF | 2008/12/15<br>15:33 |
|-----|-------|---|-------------------------------|-----|-----|---------------------|
| 360 | 40    | S59 and linear (hydrocarbon or paraffin)  | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/15<br>15:34 |
| 359 | 1091  | 557 and (hydrotreatment or hydrogenation or hydrocracking or hydrotreating)   | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/15<br>15:34 |
| 358 | 1326  | 557 and (hydrotreatment or hydrogenation or hydrocracking or hydrotreating or hydrocarbon with hydrogen)  | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/15<br>15:34 |
| 361 | 11    | S60 and lubricating (base or oil)   | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/15<br>15:35 |
| 362 | 10    | S61 and (fractionation or distillation)   | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/15<br>15:36 |
| S63 | 8     | S62 and (Fischer tropsch or FT)   | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/15<br>15:37 |
| 366 | 218   | S65 and @ad<"20040628"  | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ | ON  | 2008/12/15<br>15:46 |
| 365 | 319   | (hydrotreatment or hydrogenation or hydrocracking or hydrotreating or hydrocarbon with hydrogen) and (linear or normal) (paraffin or hydrocarbon) | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ | ON  | 2008/12/15<br>15:46 |
| 364 | 77095 | (hydrotreatment or hydrogenation or hydrocracking or hydrotreating or hydrocarbon with hydrogen)  | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ | ON  | 2008/12/15<br>15:46 |
| 369 | 6     | S68 and (Fischer tropsch or FT)   | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ | ON  | 2008/12/15<br>15:47 |
| 368 | 12    | S66 and lubricating (base or oil)   | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ | ON  | 2008/12/15<br>15:47 |
| 367 | 10    | S66 and lubricating oil   | FPRS; EPO;<br>JPO;<br>DERWENT | ADJ | ON  | 2008/12/15<br>15:47 |
| 571 | 1022  | S70 and @ao<"20040628"  | US-PGPUB;<br>USPAT; USOCR     | ADJ | ON  | 2008/12/19<br>08:10 |
| 370 | 2343  | (585/250,253,257,275,277,500,708,709).OCLS.   | US-PGPUB;<br>USPAT; USOCR     | OR  | OFF | 2008/12/19<br>08:10 |

| S72       | 414   | \$71 and (hydrocracking or hydrogenation or hydroisomerization) and (distillation or fractionation or separation)                                 | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>08:11 |
|-----------|-------|---|---------------------------|-----|-----|---------------------|
| S73       | 212   | S72 and catalyst same (silicon or aluminum or phosphorus)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>08:12 |
| S74       | 20    | S73 and lubricating oil   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>08:17 |
| 576       | 144   | 502/253.cds.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:13 |
| 375       | 60830 | "502".clas.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:13 |
| S79       | 1     | S76 and (silicon and aluminum and phosphorus) with catalyst   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:15 |
| S78       | 2     | S76 and (silicon with aluminum with phosphorus)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:15 |
| S77       | 0     | S76 and (silicon with aluminum with phosphorus) with catalyst and (hydrogenation or dehydrogenation or hydrocracking or hydrotreating)            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:15 |
| 583       | 7     | S82 and @ad<"20040628"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:16 |
| 582       | 10    | (silicon with aluminum with phosphorus) with catalyst with (hydrogenation or dehydrogenation or hydrocracking or hydrotreating)                   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:16 |
| 581       | 121   | S80 and @ad<"20040628"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:16 |
| S80       | 175   | (silicon with aluminum with phosphorus) with catalyst and (hydrogenation or dehydrogenation or hydrocracking or hydrotreating)                    | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/12/19<br>09:16 |
| S84       | 9     | (("20020193649") or ("20040082728") or ("6320088") or ("4122023") or ("4832819") or ("4943672") or ("5017279") or ("6497812") or ("7150821")).PN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2008/12/19<br>11:01 |
| L1        | 1     | (middle distillate with high boiling residue with lubricating base).clm.  | US-PGPUB                  | ADJ | ON  | 2008/12/22<br>12:24 |
| L2        | 1     | (hydrocracking step with hydrogen with catalyst).clm.   | US-PGPUB                  | ADJ | ON  | 2008/12/22<br>12:25 |
| _3        | 1     | (Distillation step with middle distillate with high boiling residue).clm.   | US-PGPUB                  | ADJ | ON  | 2008/12/22<br>12:26 |
| <u></u> 5 | 0     | 1 and 2 and 3 and 4   | US-PGPUB                  | ADJ | ON  | 2008/12/22<br>12:27 |

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|-----|-----------|---|----------|-------|-----|---------------|
| 14  | 11        | (silicon with aluminum with phosphorous with (oxygen or oxide) with | HS-PGPHR | AD.I  | (ON | 2008/12/22    |
| 3-1 | 31        | Noncon with didininal with phosphorous with (oxygon or oxide) with  | 001000   | 1 100 | ON  | (LOOG) ILI LL |
| 3   | 1         | (amorphous) olm   | 1        | -     | 1   | 12.27         |
| 3   | 1         | ¿amorphous/.om.   | 1        | 1     | 1   | 12.21         |

12/22/2008 1:59:02 PM

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